

P26

For P26 with air meter function see p. 14

Measurement ranges (also \pm measurement ranges) others available upon request	10/50/100/250/500 Pa 1/2.5/5/10/20/50/100 kPa freely scalable from 10..100 % within a measurement range
Margin of error (0.3 Pa margin of error for reference)	$\pm 0.2\%$ or $\pm 0.5\%$ of the scaled range (40..100 % of max. value) (min. 0.3 Pa)
Temperature coefficient span	0.03 % of max. value / K (10..50 °C)
Temperature coefficient zero point	$\pm 0\%$ (cyclical zero-point correction)
Max. system pressure/ Overload capacity	600 kPa for measurement ranges ≥ 2.5 kPa 200 x for measurement ranges < 2.5 kPa
Medium	Air, all non-aggressive gases
Sensor response time	25 ms
Time constants	25 ms..40 s (adjustable)
Operating temperature	10..50 °C
Storage temperature	-10..70 °C
Power consumption	approx. 6 VA
Weight	approx. 750 g
Cable glands	3 x M16
Pressure ports	for tubing NW 6 mm, others available on request
Protection class	IP65, with USB: IP40
Certificates	CE, CSA

Output (linear/ root-extracted) ¹⁾	A
0..10 V ($R_L \geq 2$ k Ω)	1
0..20 mA ($R_L \leq 500$ Ω)	0
4..20 mA ($R_L \leq 500$ Ω)	4
± 5 V ($R_L \geq 2$ k Ω)	5

¹⁾ output signals can be configured freely

Measurement range	C
Measurement range e.g. 0..10 Pa, -10..50 mbar, ± 100 mmHg (etc.)	

Display, Keyboard	E
none	0
multi-coloured LCD and keyboard	LC



Power supply	B
24 VAC/DC	24ACDC
24 VAC (with galvanic separation)	24AC
230/115 VAC	230/115

Margin of error	D
$\pm 0.2\%$ ²⁾	2
$\pm 0.5\%$ ²⁾	S

²⁾ of the scaled range (40..100 % of max. value) (min. 0.3 Pa)

Contact points	F
none	0
Air meter (see p. 14)	1
2 relays (changeover contacts) max. 230 VAC, 6 A	2

Data interface	G
none	0
USB (data cable supplied)	U0
External zero-point calibration	0X
External zero-point calibration and USB (data cable supplied)	UX

Order code	A	B	C	D	E	F	G
P26	-	-	-	-	-	-	-

Can be pre-set on request:
Time constant, relay parameter, analogue output root-extracted / linear, deactivation of the cyclic zeroing



Features

- High precision differential pressure transmitter for top-hat rail or wall mounting (air-conditioning, cleanroom, process)
- Wide range of units available for pressure and volume flow, also \pm measurement ranges
- Scalable measurement ranges and units
- Zero-point calibration prevents zero-point drift
- Built-in valve provides a high level of overpressure protection
- Multilingual menu (German/English/Italian/French)

Optional

- Contact points with adjustable switching outputs
- Set the zero-point via the interface
- USB interface (free parameterisation software at www.halstrup-walcher.com)
- Air meter function (see p. 14)

